

Microscope Peripherals

High Speed Shutter - Systems

fast and easily with minimized illumination times of your specimens and therefore reduction of photobleaching or phototoxic effects.

In the recent years there was a continuous increase of microscopically methods in science. New dynamic and time depending experiments e.g. GFP Live Cell Analysis require a fast shuttering of transmitted or fluorescence light sources. With our universal high speed shutter system this can be performed easily. We offer different mechanical adapters for nearly all types of microscopes.

The high accuracy and the fast shuttering allow exposure times of about 6 ms seconds. For this reason also full automatic microscopes require these additional shutters.

Due to high temperature of the fluorescence light sources the shutter plates are available with special AISiO or AlMgF2 coatings.

With the control unit the shutter can be controlled manually as well as by TTL signal or RS-232 interface.



Specifications:

- available for upright and inverted microscopes
- compact and modular design
- shutter with 14, 25 or 35 mm diameter
- fast exposure time of about 6 ms
- adapters for almost all types of Microscopes
- controlled manually, by TTL or RS-232